ABSTRACT

A filtering system used on a meat injection machine that injects pickling into meat products. The filter consists of a tank and a first and second rotary filter. The first rotary filter uses a wedge wire wound cylinder and augers having flutes that rotate to catch and push away solid particles toward the second filter. The second filter then uses more wedge wire in a whirlpool effect to ensure all solid materials and foam are in the outside of the filter. Injector fluid is then taken from the center of the inside volume of the second filter to be used in injection needles.